

# California OES Weather Threat Briefing Afternoon Update

Wednesday, January 16, 2019  
4:30 PM PST

**Day 1: Strong winds, heavy mountain snow and heavy rain with isolated thunderstorms across much of the state through Thursday**

National Weather Service  
Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT



# Key Points

01/16/19 - 01/22/19

## Wednesday-Thursday

- Heavy snow over the Sierra with blizzard conditions will significantly impact travel
  - Period of heaviest snow will be Wednesday evening through Thursday
  - 2-5 feet of snow locally up to 6 feet over the highest peaks
  - Snow levels initially 6000-7000 feet falling below 5000 feet Thursday
- Strong south to southeast winds will impact travel across the northern half of the state and may cause localized property damage and downed power lines
  - Gusts of 40-60 mph over the Sacramento and San Joaquin Valleys and the Sierra
  - Gusts 70-100 mph over the highest Sierra peaks
  - Gusts 35-45 mph over the Bay Area
  - Gusts 25-35 mph over the northern coastal areas
- Heavy rain with isolated thunderstorms may cause debris flows on recent burn scars. Rock slides on canyon roads and areas of urban flooding are also possible.
  - Period of heaviest rain will be Wednesday afternoon through Thursday afternoon
  - Rainfall amounts of 1-2 inches over the valleys and 2-5 inches over the foothills and mountains
  - **Rain rates are expected to peak in the 0.50-0.75 inch per hour in southern CA**
  - **Rain rates are expected to peak from 0.50 to 1 inch per hour in northern CA**



# Key Points

01/16/19 - 01/22/19

## Friday

- Another much weaker storm system will bring valley rain and mountain snow to far northern CA. Minor impacts to travel due to the snow.

## Saturday

- Dry conditions across the state except for the northern coastal areas with no significant impacts

## Sunday

- Next round of precipitation over northern CA. Locally heavy rain possible. Snow may impact travel over the Sierra.

## Monday-Tuesday

- Dry conditions across the state except with no significant impacts



# California Weather Impacts

01/16/19 - 01/22/19

<u>Hazards / Day</u>	WED	THU	FRI	SAT	SUN	MON	TUE
Non-Thunderstorm Damaging Winds	All Regions	All Regions					
Snow	Inland	Inland	Inland		Inland		
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)							
Heat Risk							
Heavy Rain / Flash Flooding / Debris Flow	All Regions	All Regions			Coastal Inland		
Extreme Cold							



No Impacts



Minimal Impacts

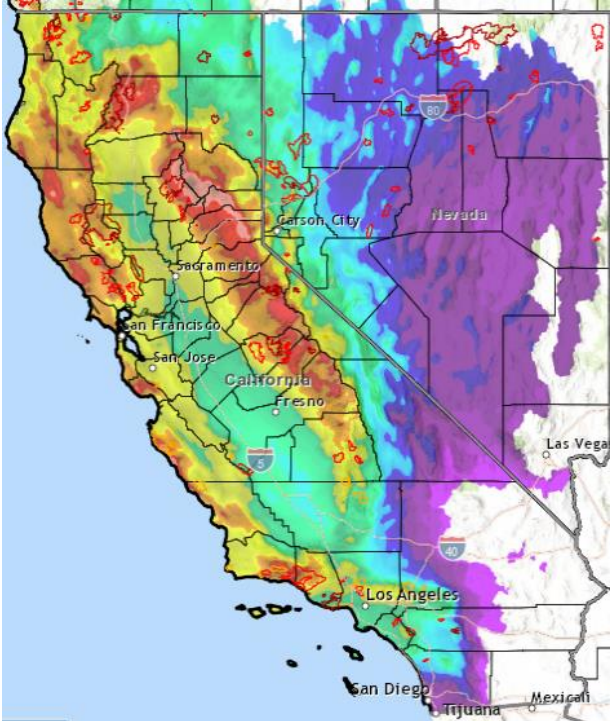


Moderate Impacts

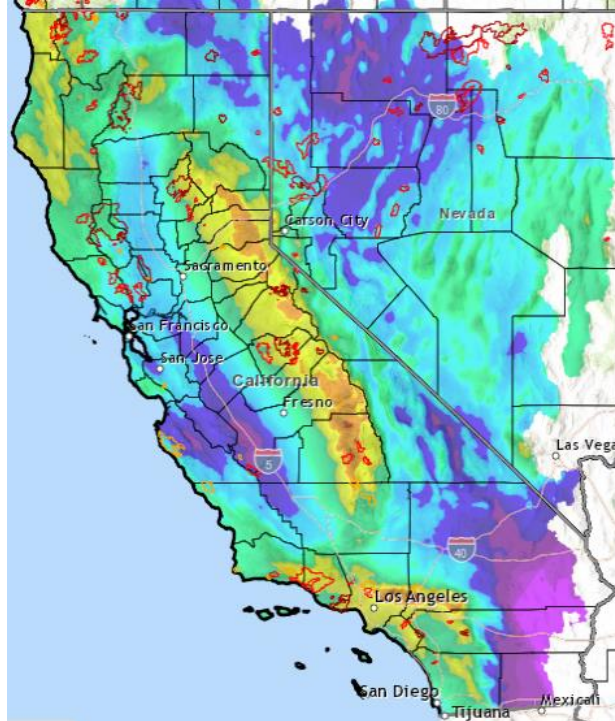


Severe Impacts

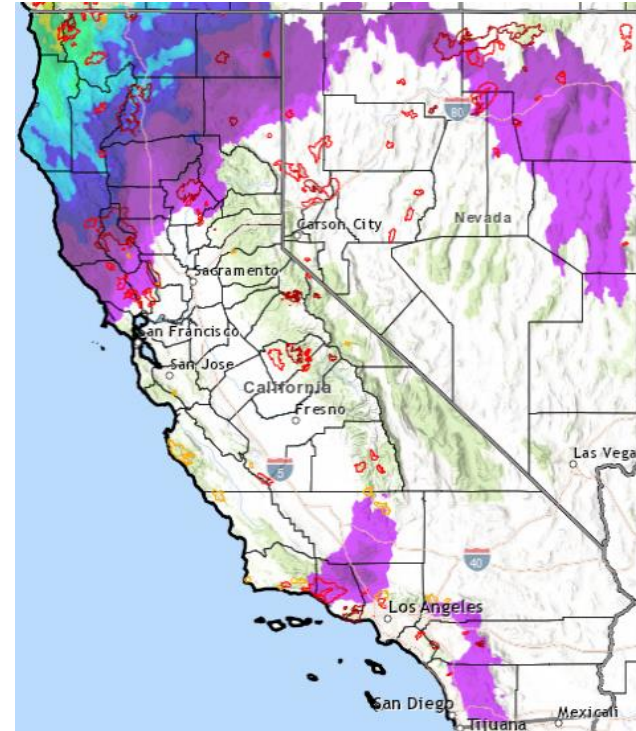
# Precipitation Forecast



Wednesday



Thursday



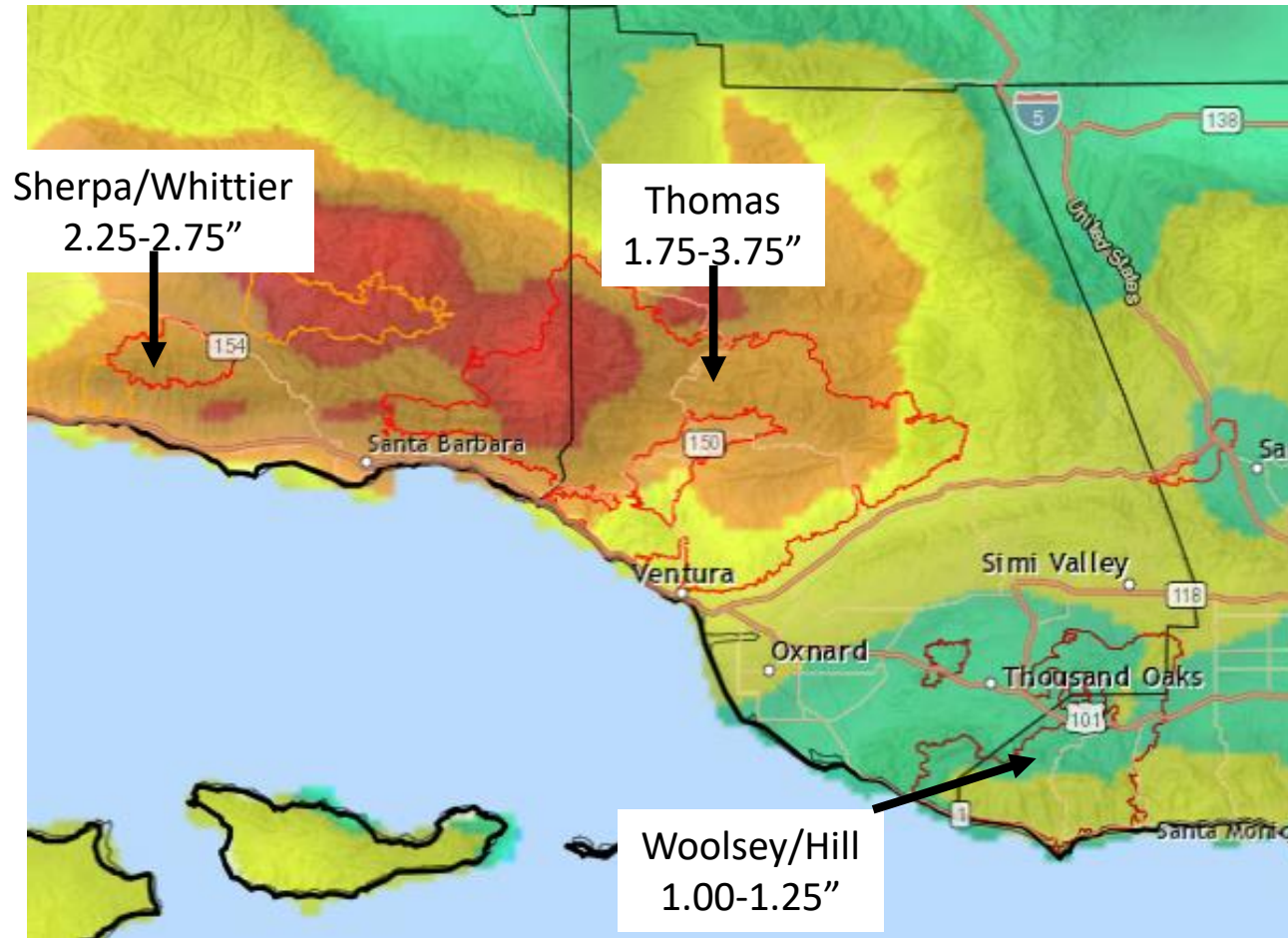
Friday

Precipitation (inches)





# Wednesday Storm Total Precipitation Forecast for Recent Burn Scar Areas



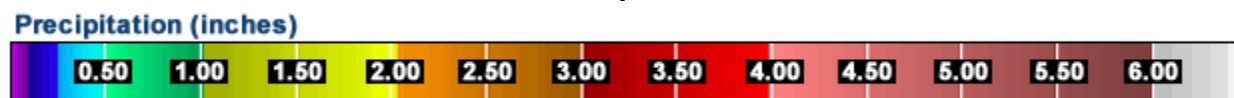
Locally heavy rain and isolated thunderstorms with possible debris flow impacts



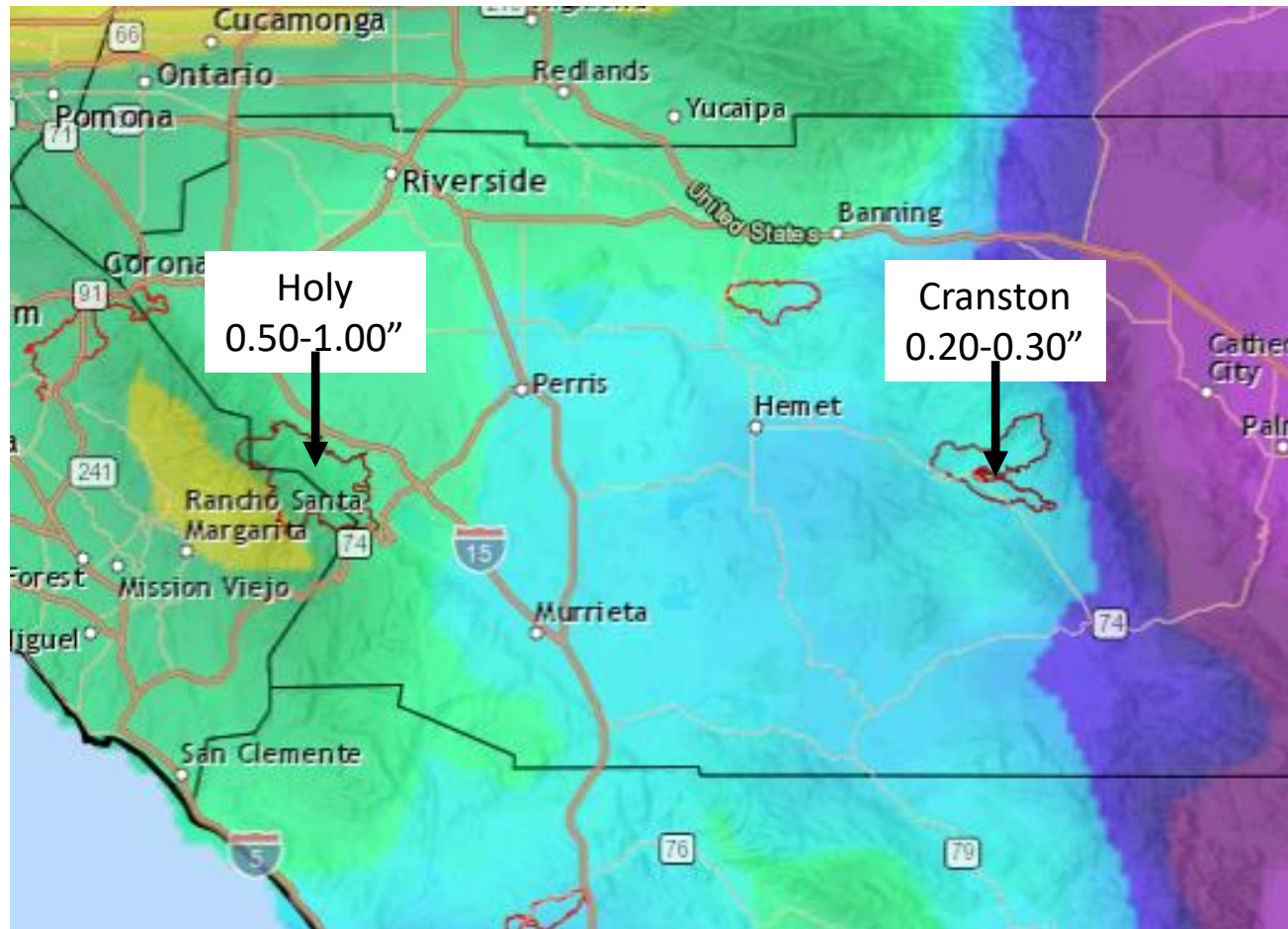
# Thursday Storm Total Precipitation Forecast for Recent Burn Scar Areas



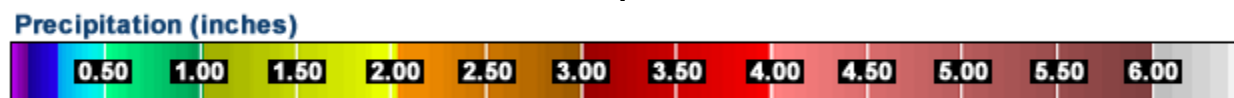
Locally heavy rain and isolated thunderstorms with possible debris flow impacts



# Wednesday Storm Total Precipitation Forecast for Recent Burn Scar Areas

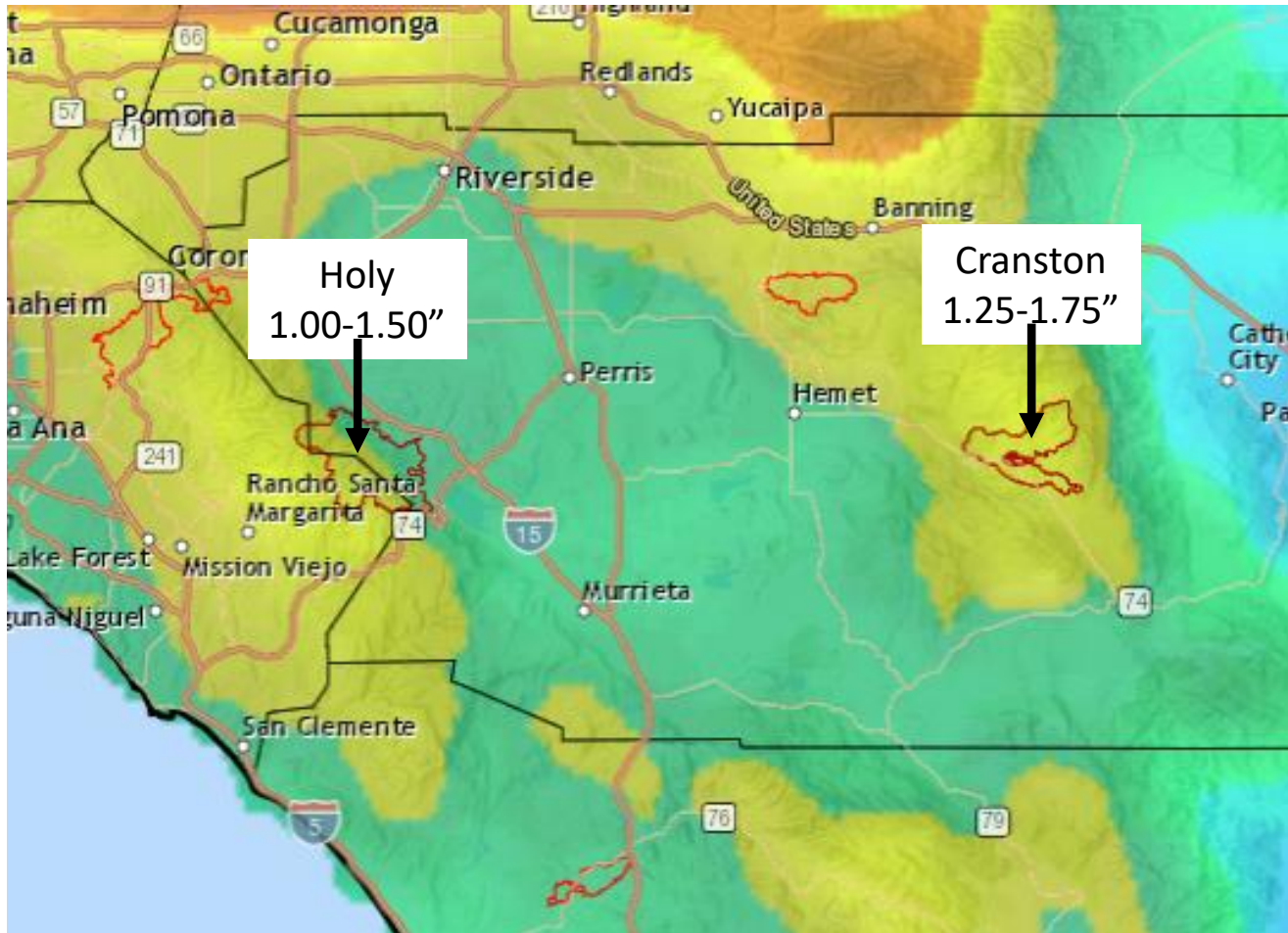


Locally heavy rain and isolated thunderstorms with possible debris flow impacts

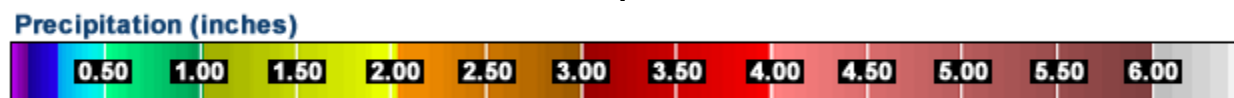




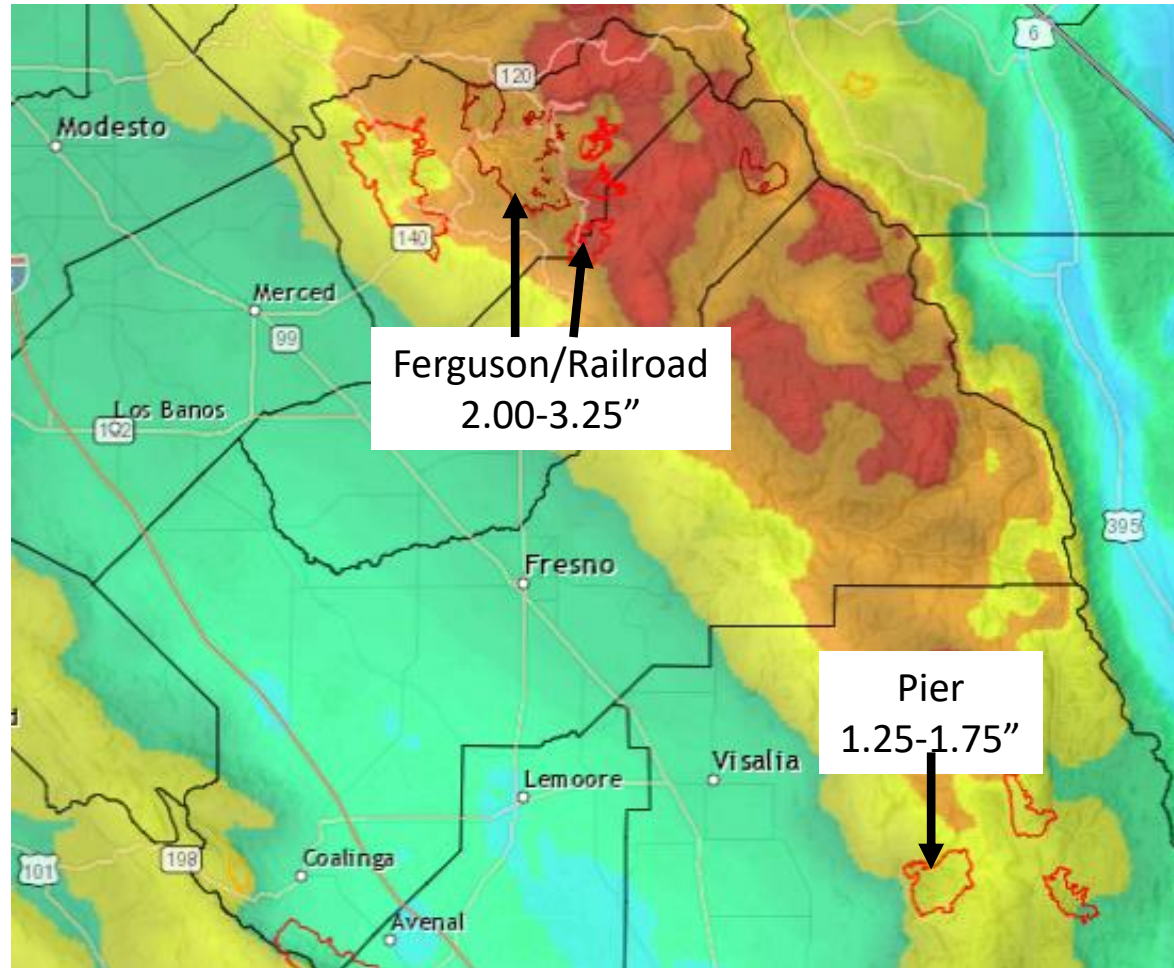
# Thursday Storm Total Precipitation Forecast for Recent Burn Scar Areas



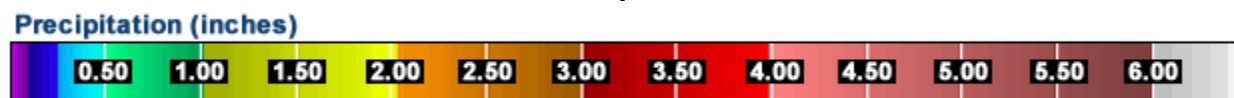
Locally heavy rain and isolated thunderstorms with possible debris flow impacts



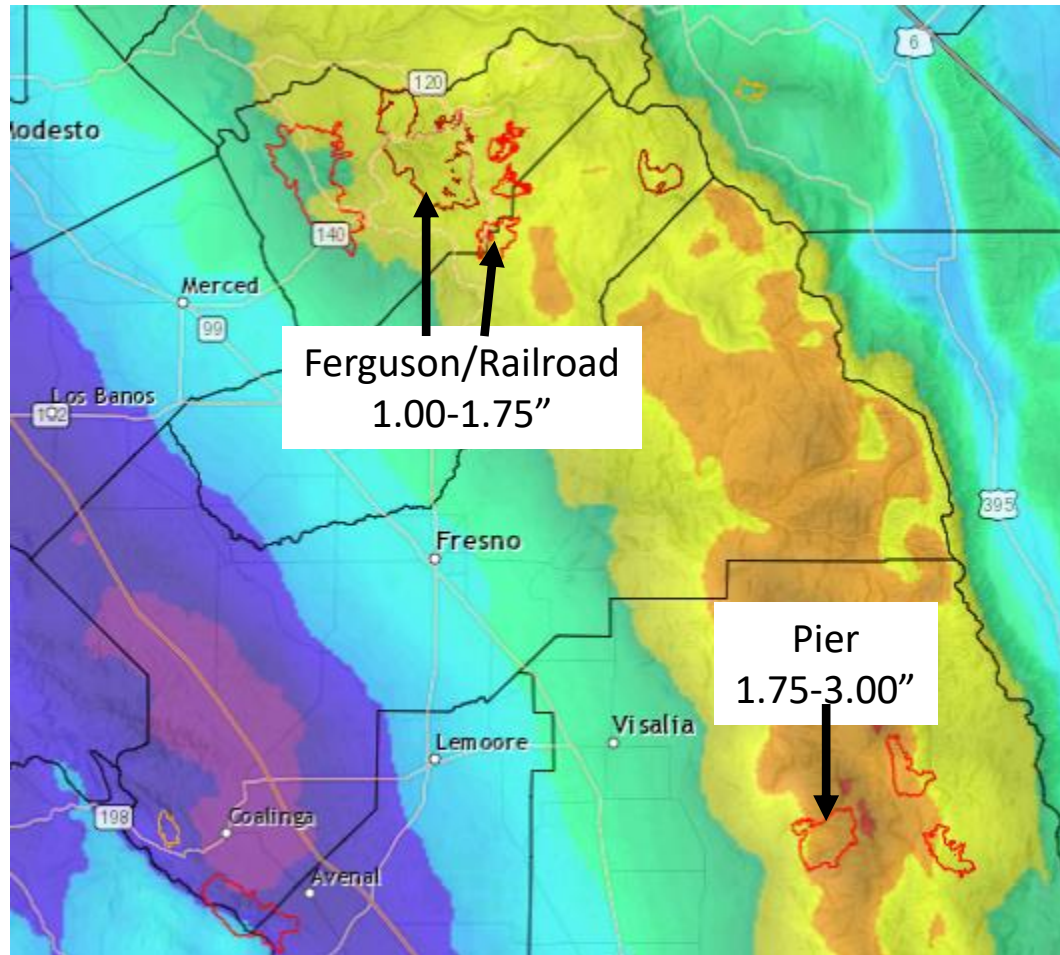
# Wednesday Storm Total Precipitation Forecast for Recent Burn Scar Areas



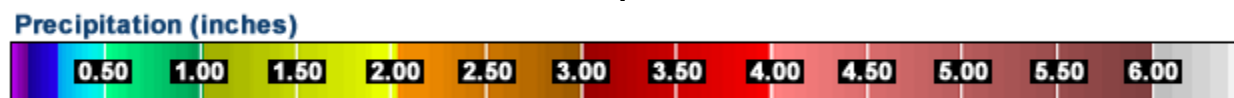
Locally heavy rain and isolated thunderstorms with possible debris flow impacts



# Thursday Storm Total Precipitation Forecast for Recent Burn Scar Areas

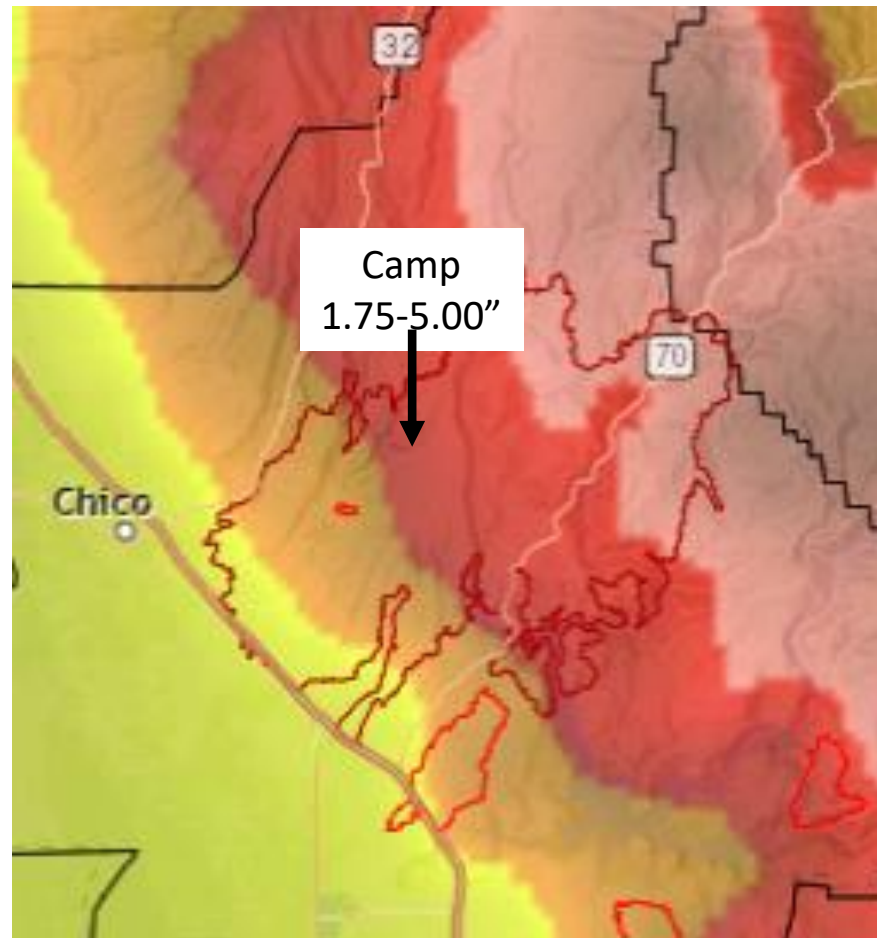


Locally heavy rain and isolated thunderstorms with possible debris flow impacts

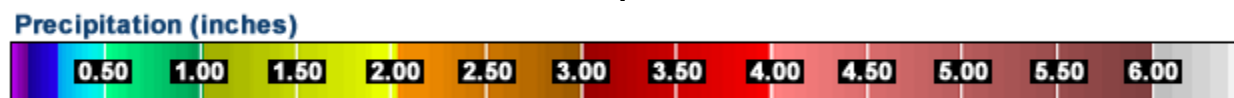




# Wednesday Storm Total Precipitation Forecast for Recent Burn Scar Areas

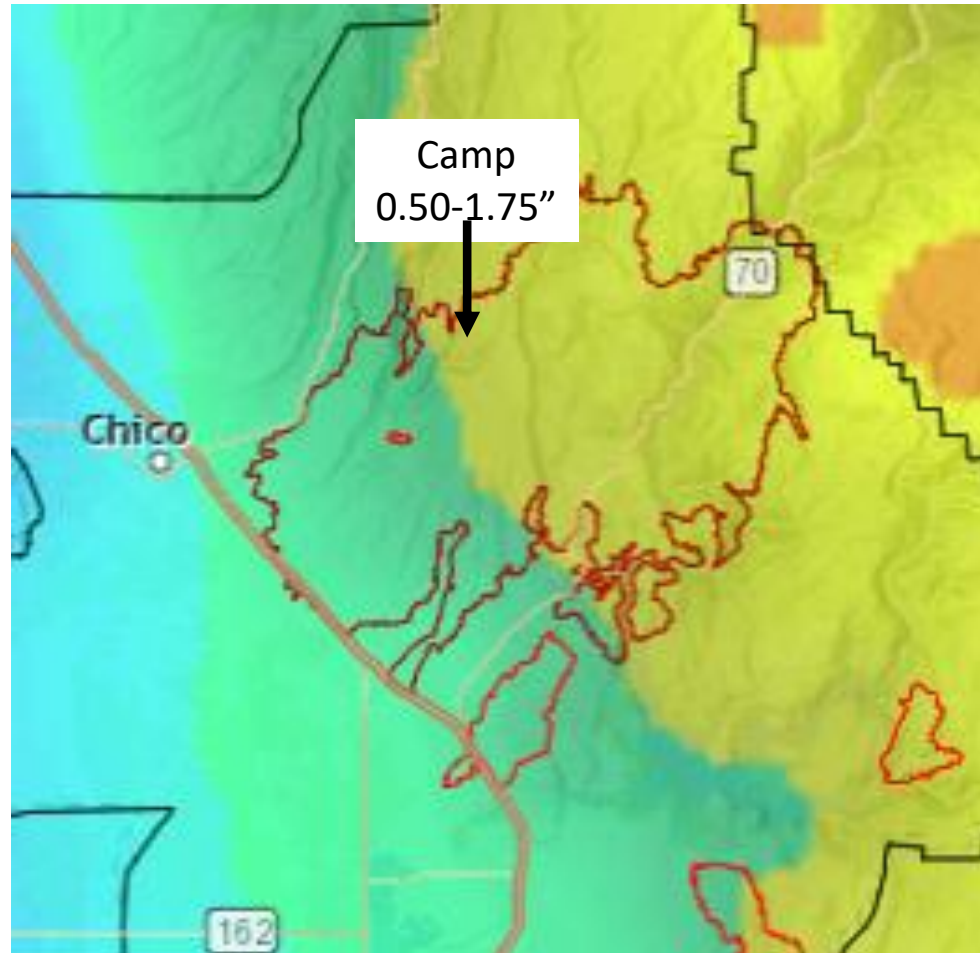


Locally heavy rain and isolated thunderstorms with possible debris flow impacts

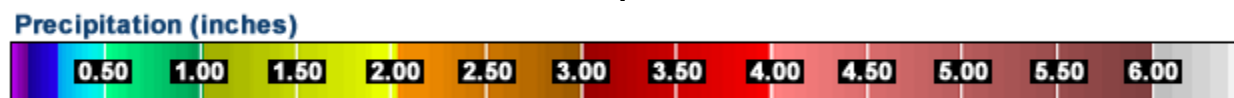




# Thursday Storm Total Precipitation Forecast for Recent Burn Scar Areas

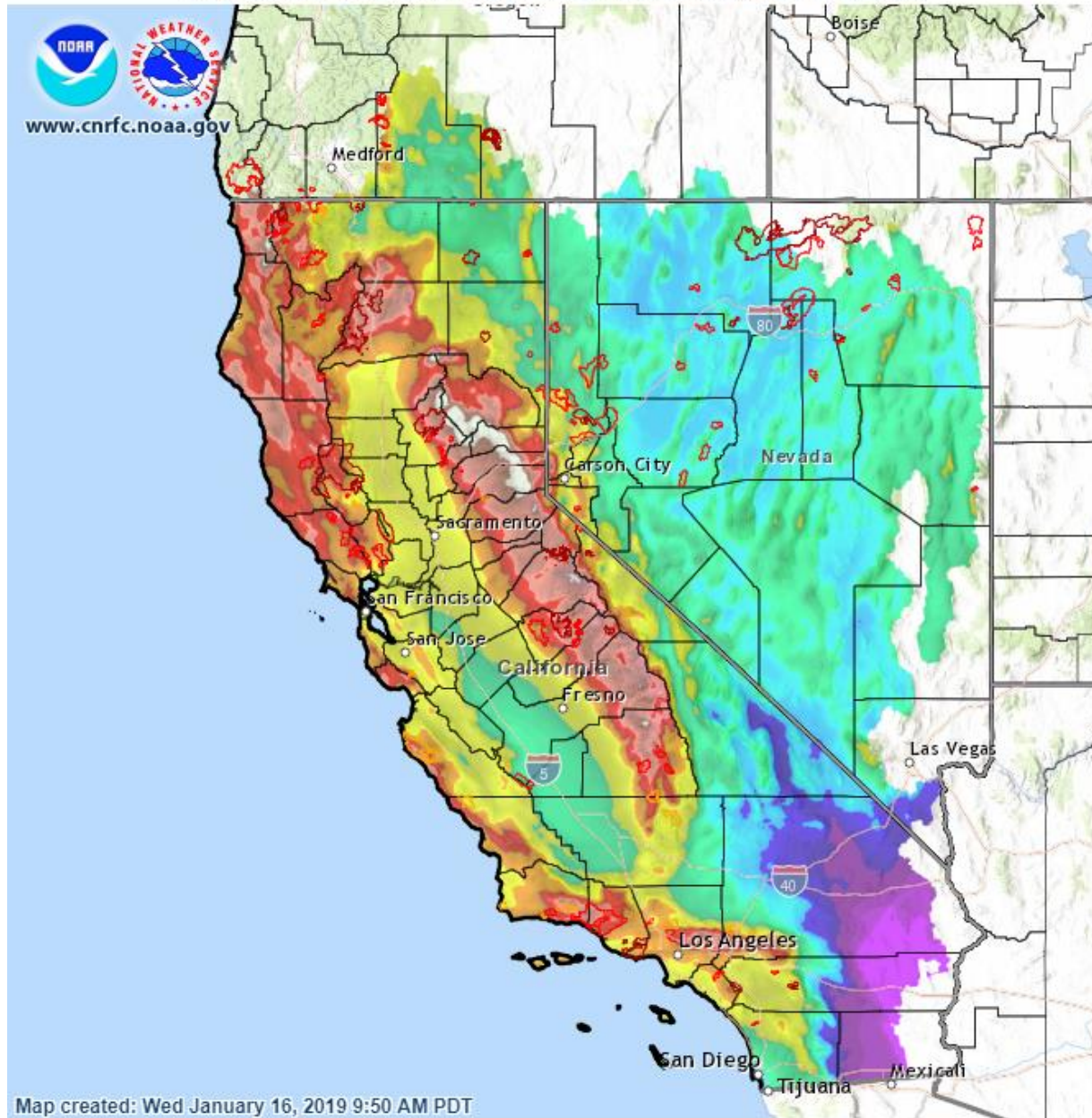


Locally heavy rain and isolated thunderstorms with possible debris flow impacts



# 72-Hour Precipitation Forecast

Wed Jan 16 04 AM PST (16/12Z) through Sat Jan 19 04 AM PST (19/12Z)



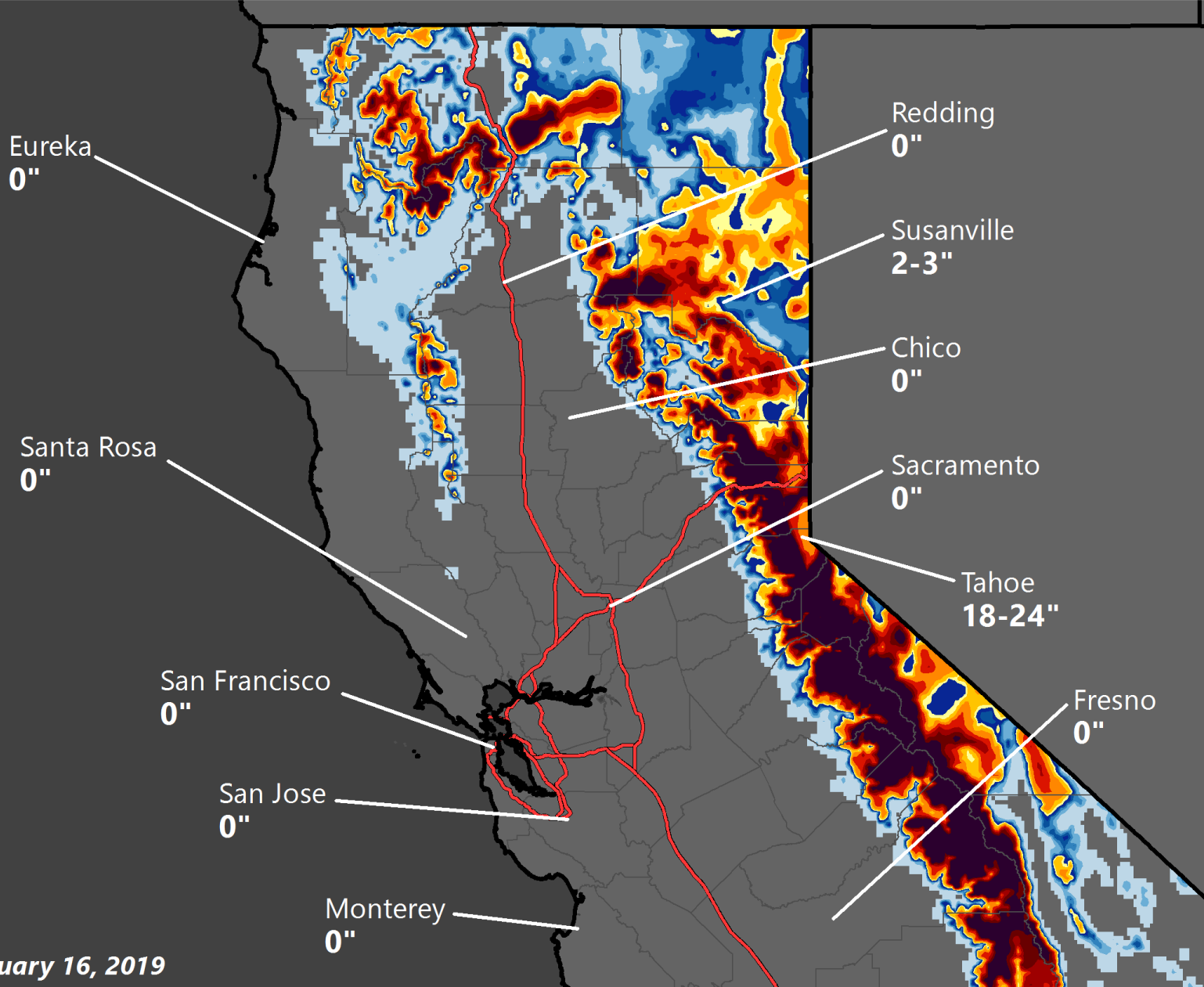
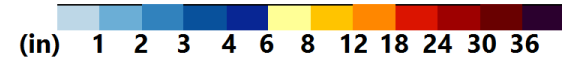
Precipitation (inches)





# Snow Forecast

Through 4PM 01/18/19

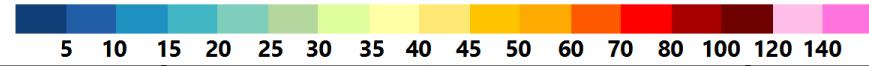


Issued: January 16, 2019



# Wind Gust Forecast

Through 4PM 01/18/19



Eureka  
**35-40 mph**

Redding  
**35-40 mph**

Sacramento  
**50-55 mph**

Tahoe  
**45-50 mph**

San Francisco  
**45-50 mph**

Fresno  
**20-30 mph**

Los Angeles  
**10-20 mph**

San Diego  
**10-20 mph**

*Issued: January 16, 2019*



# 6-10 Day Outlook (Jan 21-Jan 25)

## Temperatures

- Below normal temperatures favored across the state with low confidence

## Precipitation

- Below normal temperatures favored across the state with moderate confidence

# 8-14 Day Outlook (Jan 23-Jan 29)

## Temperatures

- Below normal temperatures favored across the state with low to moderate confidence

## Precipitation

- Below normal temperatures favored across the state with low to moderate confidence



Information provided by:

**National Weather Service  
Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT**

Phone: (801) 524-7907

E-mail: [wr.roc@noaa.gov](mailto:wr.roc@noaa.gov)

Web: <http://www.wrh.noaa.gov>

